

JAN 04 2005

PTO/SB/083 (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/430,132	
		Filing Date	October 9, 1987	
		First Named Inventor	Snail	
		Art Unit	2875 2877	
		Examiner Name	Stafira	
Sheet		of	Attorney Docket Number	70,840

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NS		SNAIL, K., "Reflectometer design using nonimaging optics", Appl. Optics, 15 Dec 1987, Vol. 26, No. 24, p 5326-332.	
NS		GINDELE, K., KOHL, M., MAST, M. "Spectral reflectance measurements using an integrating sphere in the infrared", Appl. Optics, 15 June 1985, Vol. 24, No. 12., p 1757-1760.	
NS		HANSSEN, L., "Integrating-sphere system and method for absolute measurement of transmittance, reflectance...", Appl. Optics, 2001, Vol. 40, No 19, p 3196-3204.	
NS		CHENAULT, D.B., SNAIL, K.A., HANSSEN, L.M., "Improved integrating-sphere throughput with a lens and nonimaging concentrator", Appl. Optics, 1995, Vol. 34, No. 34, p 7959-1964.	
NS		SNAIL, K.A., HANSSEN, L.M., "Integrating sphere designs with isotropic throughput", Appl. Optics, 1989, Vol. 28, No. 10, p 1793 - 1799.	
NS		EDWARDS, D.K., GIER, J.T., NELSON, K.E., RODDICK, R.D., "Integrating sphere for imperfectly diffuse samples", Applied Optics, Vol. 51, 1960, p 1279 - 1288.	
NS		Committee on Colorimetry, "Physical Concepts: Radiant Energy and Its Measurement", J. Opt. Society of America, Vol. 34, No. 4, April 1944, p 183 - 218.	
NS		SNAIL, K, CARR, K., "Optical Design of an integrating sphere- FTS emissometer", Viewgraphs SPIE Conference on Infrared, Adaptive, Synthetic Optical Sys, 1986, 17 pages.	
NS		SNAIL, K, CARR, K., "Optical Design of an integrating sphere-Fourier transform spectrophotometry FTS emissometer", SPIE Proc. Infr., Adap., Syn. Opt Sys, 1988, V 634, p 75-83.	

Examiner Signature	Michael Stafira	Date Considered	2-16-05
--------------------	-----------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.